

Toledo Bend Reservoir

Segment: 0504 Sabine River Basin

Basin number:	5
Basin group:	A
Water body description:	From Toledo Ben Dam in Newton County to a point immediately upstream of the confluence of Murvaul Creek in Panola County, up to the normal pool elevation of 172 feet (impounds the Sabine River)
Water body classification:	Classified
Water body type:	Reservoir
Water body length / area:	181,600 Acres
Water body uses:	Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

Standards Not Met in 2002				
Assessment Area	Use	Support Status	Parameter	Category
Lowermost 5120 acres of reservoir, adjacent to dam	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5a
Near SH 21	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5a
Patroon Bayou Branch arm	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5a
Remainder of reservoir	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5a
Six Mile Boat Lane arm	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5a
Sunshine Bay arm	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5a
Tenaha Creek arm	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5c
Tenaha Creek arm	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5a
Uppermost 5120 acres of reservoir	Fish Consumption Use	Partially Supporting	mercury in largemouth bass and freshwater drum	5a

Parameters Removed
from the 2000 303(d) List: pH

Additional Information: The contact recreation, public water supply and general uses are fully supported.

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Patroon Bayou Branch arm	General Use	Use Concern	low and high pH
Tenaha Creek arm	Aquatic Life Use	Use Concern	depressed dissolved oxygen

(based on data from 03/01/1996 to 02/28/2001)

2002 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Tenaha Creek arm	Nutrient Enrichment Concern	Concern	orthophosphorus
Uppermost 5120 acres of reservoir	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Uppermost 5120 acres of reservoir	Algal Growth Concern	Concern	excessive algal growth

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Lowermost 5120 acres of reservoir, adjacent to dam	10404	TOLEDO BEND RESERVOIR MAIN LAKE ABOVE THE DAM AT THE OLD RIVER CHANNEL (TB-6A)
Near SH 21	10402	TOLEDO BEND RESERVOIR AT SH 21 NORTHEAST OF MILAM (TB-6H)
Patroon Bayou Branch arm	15655	TOLEDO BEND RESERVOIR PATROON BAYOU BRANCH AT FM 276
Six Mile Boat Lane arm	10407	TOLEDO BEND RESERVOIR IN SIX MILE BOAT LANE AT SH 87 (TB-6CN)
Sunshine Bay arm	10411	TOLEDO BEND RESERVOIR IN SUNSHINE BAY NEAR FM 3121 BRIDGE (TB-6F)
Tenaha Creek arm	10412	TOLEDO BEND RESERVOIR IN TENAHA CREEK ARM AT FM 139 (TB-6I)
Uppermost 5120 acres of reservoir	10403	TOLEDO BEND RESERVOIR AT US 84 NEAR LOGANPORT, LA (TB-8)

Historical fish kills:			
Date	Location	Fish Killed	Suspected Cause
8/4/1999	North Toledo Bend WMA Unit #615 at eastern terminus of FM 2572 SE of Joaquin.	4809	Low Dissolved Oxygen